

## Case study

### Turbine Blades

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Injection Moulded energy absorbing PFA  
mask- FL305



Industry - [Aerospace](#)

Fluorocarbon have more than 50 years of experience providing materials for the Aerospace industry, our products are deployed in many applications in major commercial and military aircraft programmes worldwide.

Our customer approvals from OEM's include Airbus UK, Rolls Royce and BAE Systems Military and AS9100 certification.



Our client needed a solution to enable them to carry out minute laser trepanning of their turbine blades needed to assist airflow and the cooling process without causing damage to the internal facing of the opposing surface.



Fluorocarbon developed a high performance energy absorbing mask to be inserted into the turbine blade structure, thus enabling the laser to make the burr hole required. The masks not only provided the required solution but saved this Aerospace OEM money as the masks were produced by injection moulding which is more cost effective and efficient than other types of moulding processes for high quantity requirements.

Find out how Fluorocarbon can help your company improve efficiency and save money at [www.fluorocarbon.co.uk](http://www.fluorocarbon.co.uk) email [info@fluorocarbon.co.uk](mailto:info@fluorocarbon.co.uk) or call us on 0845 2505 100